Docket No.: 03-010/USYS-0137

App No.: Not Yet Assigned Filed: Herewith

Title: Affinity Mask Assignment System and Method for Multiprocessor Systems

Inventors: Scott Alan Geye et al.

Attorney: Michael J. Swope Phone: (215) 568-3100

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Display Device Main Memory <u>10</u> <u>12</u> Cache Cluster 1 Cluster 2 Cluster 4 Cluster 3 <u>20a</u> <u>20b</u> <u>20c</u> <u>20d</u>

Figure 1

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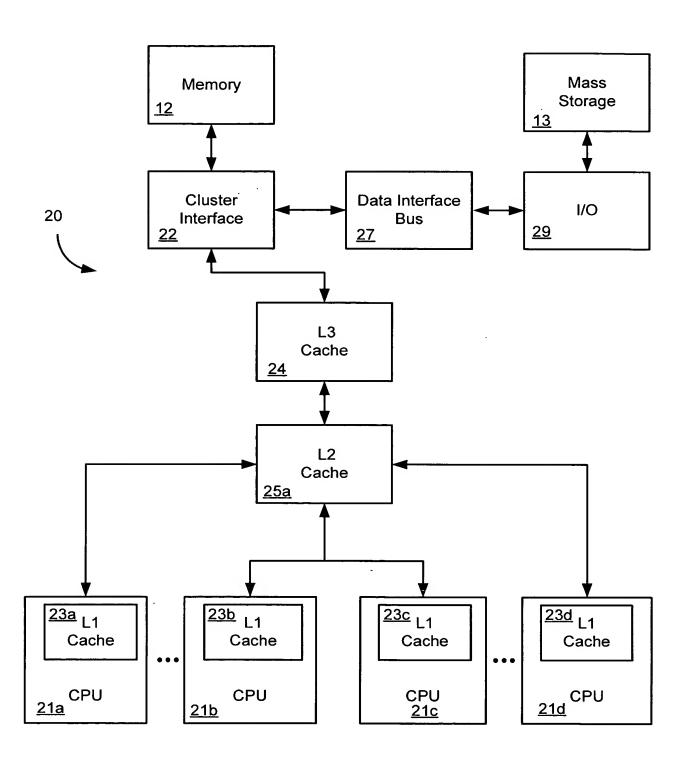
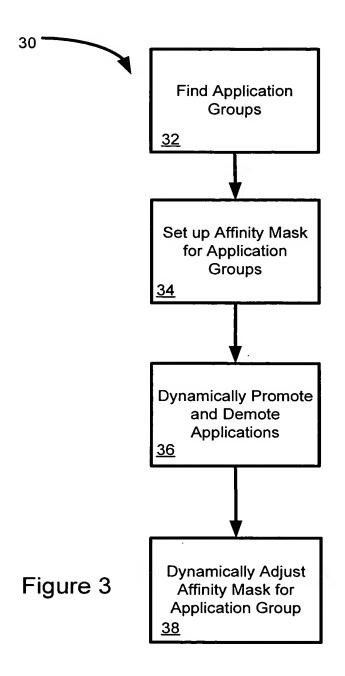


Figure 2

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Attorney: Michael J. Swope Sheet 3 of 12

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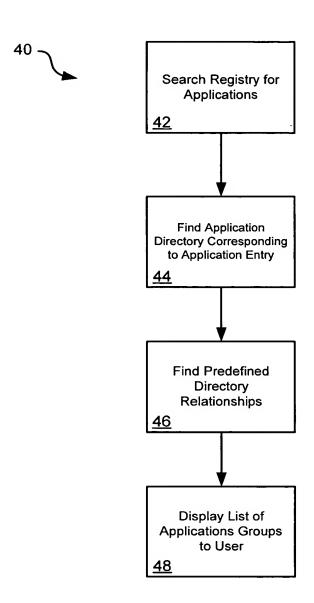


Figure 4

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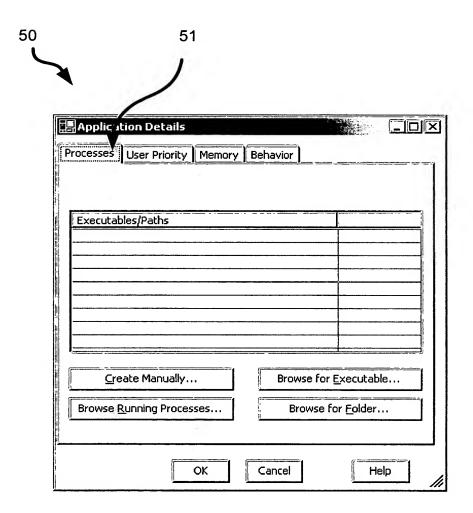


Figure 5A

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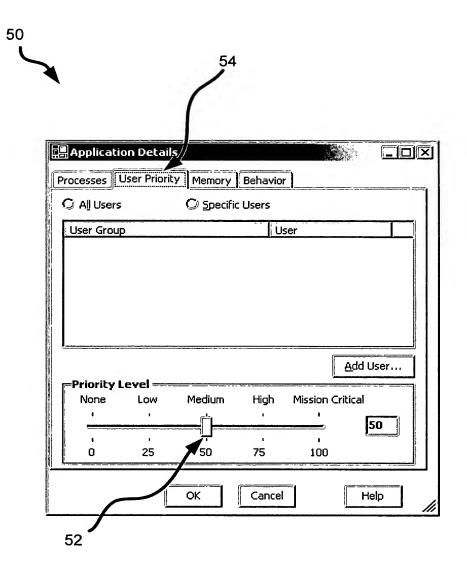


Figure 5B

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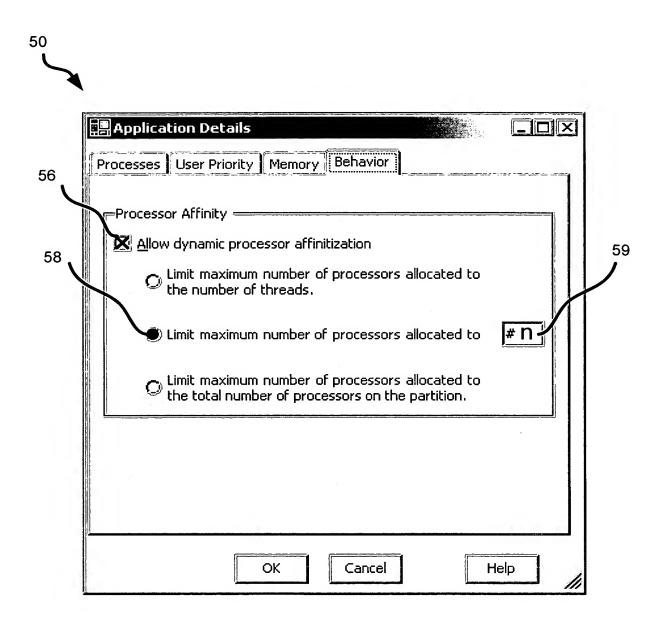
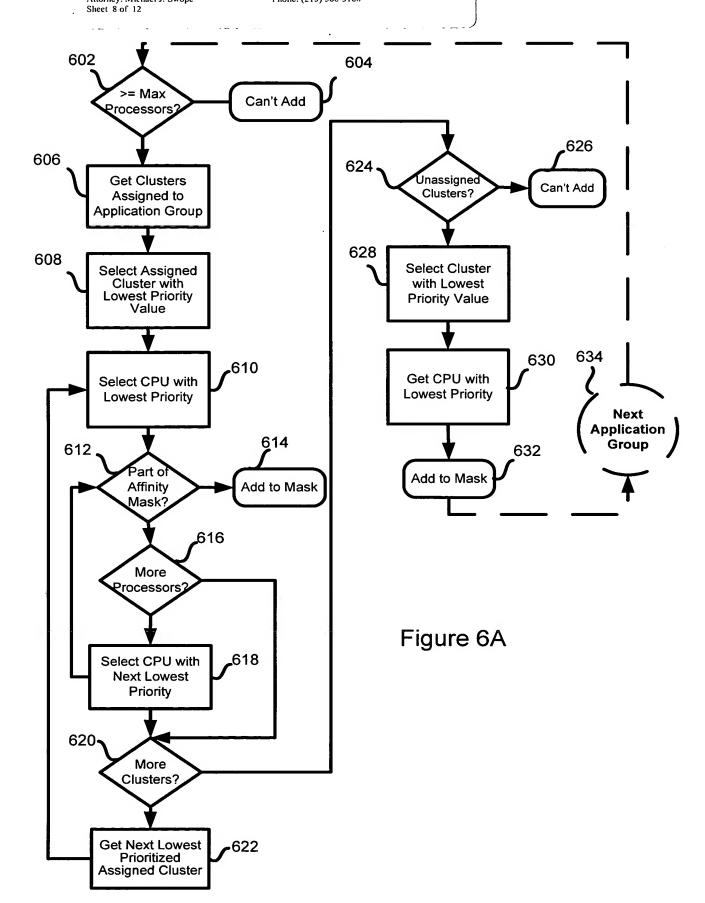


Figure 5C

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	0	1	2	3) 65
0	1/2/3	1/2/3	2/3/1	2/3/1	
1	1/2/3	1/2/3	2/3/1	2/3/1	
2	3/1/2	3/1/2	1/2/3	2/3/1	
3	3/1/2	3/1/2	3/2/1	1/3/2	
T	63		1		I

61

Figure 6B

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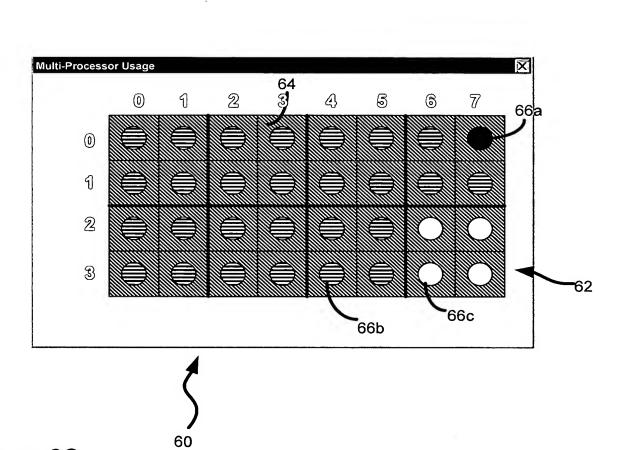
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Figure 6C



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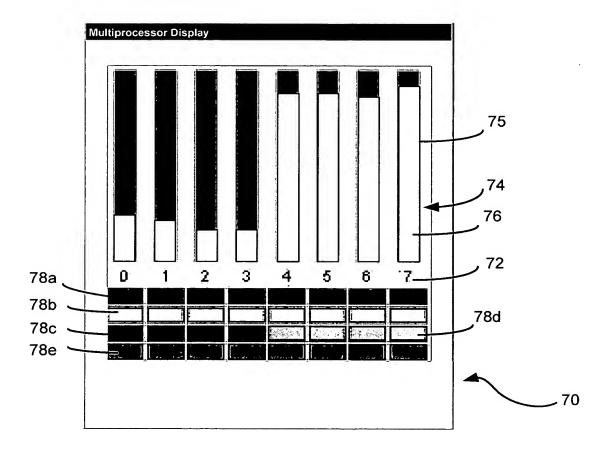


Figure 7

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